

2106 Pediatric Gastroenterology

Course: Pediatric Gastroenterology Course Number: PED 2106

Department: Pediatrics

Faculty Coordinator: Meghana Sathe, MD

Assistant Faculty Coordinators: Norberto Rodriguez-Baez, MD

UTSW Education Coordinator Contact: Anthony Lee (Anthony.Lee@UTSouthwestern.edu)

Hospital: (Location of rotation) Children’s Medical Center

Periods Offered: 1-12

Length: 4 weeks

Max # of Students: 1 (Post Clerkship Students)

First Day Contact: Ashley Bowie

First Contact Time: 8:00am

First Day Location: Children’s Medical Center – Pavilion 4th Floor GI Clinic (Physician’s Touchdown)

Prerequisites: PED 1801 Pediatric Core Clerkship

I. Course Description

Students will primarily focus on the outpatient diagnosis and management of infants and children with gastrointestinal, nutritional and liver disorders. Students will perform outpatient evaluations on infants and children referred to the pediatric gastroenterology clinic at Children’s Medical Center under the direct supervision of faculty attending pediatric gastroenterologist. In addition, they will read the prepared curriculum material and standard textbooks, will view the computerized self-learning material, attend endoscopic procedures and attend scheduled clinical conferences.

<u>Goals</u>	<u>Objectives</u>	<u>Assessment Methods</u>
<p>Patient Care: Students, together with supervising faculty must be able to provide patient care that is compassionate, appropriate, and effective for the treatment of health problems and the promotion of health.</p>	<ul style="list-style-type: none"> Gather essential and accurate information about their patients. These included a thorough history, physical examination and results of pertinent laboratory and radiologic tests for patients with gastrointestinal, nutritional or liver disease. Construct a differential diagnosis for informed recommendations about diagnostic and therapeutic interventions based on patient information. Counsel and educate patients and their families about the disease process, further 	<ul style="list-style-type: none"> Quality of Medical Records entries Skills evaluation from direct observation.

2106 Pediatric Gastroenterology

	<p>evaluation, and therapy.</p> <ul style="list-style-type: none"> • Provide health care services aimed at preventing health problems or maintaining health. Discuss importance of compliance and follow-up. • Work with health care professionals, including those from other disciplines to provide patient-focused care, develop and carry out patient management plans. These include social work, dietitian, GI psychologist, and GI nurses. 	
<p>Medical Knowledge: Students must demonstrate knowledge about established biomedical and clinical sciences and the application of this knowledge to patient care.</p>	<ul style="list-style-type: none"> • Demonstrate an analytic thinking approach to clinical situations. These include differential diagnosis of diarrhea, vomiting, jaundice, constipation, abdominal pain, GI bleeding, and failure to thrive. • Know and apply the basic and clinically supportive sciences that are appropriate to the case of the pediatric patient with common GI diseases. 	<ul style="list-style-type: none"> • Each student is required to create a case presentation and to present it to the faculty and fellows during the rotation. It is recommended that students present an interesting case they encountered during their rotation. However, they are also permitted to present on a topic of interest that relates to pediatric course topic.
<p>Interpersonal and Communication Skills: Students must be able to demonstrate interpersonal and communication skills that result in effective information exchange with healthcare professionals and families.</p>	<ul style="list-style-type: none"> • Use effective listening skills and elicit and provide information using effective nonverbal, explanatory, questioning, and writing skills. These include taking complete history from pediatric patient and their family and organizing a written/dictated evaluation in the chart. • Work effectively with others as a member of a health care team. 	<ul style="list-style-type: none"> • Observations of faculty and staff.
<p>Practice-Based Learning and Improvement: Students must be able to assimilate scientific evidence and improve their patient care practices.</p>	<ul style="list-style-type: none"> • Locate and assimilate evidence from scientific studies related to their patients' health problems, including literature searches. • Use information technology to manage information, access on-line medical information; and support their own education. 	<ul style="list-style-type: none"> • Each student is required to create a case presentation and to present it to the faculty and fellows during the rotation. It is recommended that students present an interesting case they encountered during their rotation. However, they are also permitted to present on a topic of interest that relates to pediatric course topic. • Critical review of a relevant article.
<p>Professionalism: Students must demonstrate a commitment to carrying out professional responsibilities, adherence to ethical</p>	<ul style="list-style-type: none"> • Demonstrate respect, compassion, and integrity; a responsiveness to the needs of patients and their families; 	<ul style="list-style-type: none"> • Observations of faculty and staff.

2106 Pediatric Gastroenterology

<p>principles, and sensitivity to a diverse patient population.</p>	<p>accountability to patients and their families and the profession; and a commitment to excellence and on-going professional development.</p> <ul style="list-style-type: none"> • Demonstrate a commitment to ethical principles pertaining to provision or withholding of clinical care, and confidentiality of patient information. • Demonstrate sensitivity and responsiveness to patients' culture, age, gender, and disabilities. 	
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II. Methods of Instruction

Didactic: (*Schedule, Topic and Faculty*)

- Clinical Case Conference - Mondays at 7:00am
- Pediatric Grand Rounds – Wednesdays at 8:00am
- Core Conference – Wednesdays at 12:00pm
- Fellow’s Chapter Review – Thursday at 7:00am

Clinical: (*Schedule, Faculty Teaching and House-Staff Teaching*)

Clinical teaching will be case-centered and based on the patients that are seen by the student in the outpatient areas of the Center for Pediatric Gastroenterology with emphasis on common outpatient problems: constipation, vomiting, diarrhea, GI bleeding, abdominal pain and failure to thrive. The student is expected to read on topics related to the problems presented by the patients that he/she sees. It is expected that the student will attend the procedures and review histopathologic data and x-ray studies related to his/her patient. The student will work with the various attending gastroenterologists in the outpatient area.

III. Overview of Student Responsibilities

- Student is expected to attend the clinics and conferences outlined above. Student is responsible to the attending gastroenterologists. The student will do a presentation of a clinical case and topic approved by the course director at the Monday morning clinical conference at the end of the rotation (for 4 week rotation only).
- **Independent Learning:** Reading of Pediatrics-In-Review articles and Resident Lecture Series PowerPoint presentations provided on Gastroenterology and Nutrition Rotation CD (provided to each student in orientation packet), basic texts and attending recommended journal articles.
- **Absences:** Students should let Dr. Sathe, Dr. Rodriguez-Baez or Erica McPhail know if it is necessary for you to be absent for any part of the rotation.

IV. Method of Evaluation of Students and Requirements

Pass-fail grades are assigned based on observation by assigned faculty attending of the student’s performance during the rotation. Achievement of the specified goals is based on this operational definition. Similarly, evaluation of the elective by the student will include achievement of the stated objectives of the course.